etereo ARCHITECTURE&DESIGN&EMOTION	Eng. Adnan Saffarini Office Architects & Engineering Consultants	GUIDELINE INTERIORS

Page 1 of 1	Doc Ref.:	EAS-TS	Form sheet Title:	Technical Submittal

T.S. No.	EAS-GLI -TS-001	Rev.	02	Date	Tuesday, 21 February 2023

☐ **New Submittal** ☑ **Re-Submittal**

Project Title	AL SAFIYA PALACE	Plot No.	0506
Employer	M/S AQAAR – AJMAN PROPERTIES CORPORATION	Location	AJMAN, UAE
Consultant	M/s Eng. Adnan Saffarini Office (EAS)		
Contractor	M/S GINCO CONTRACTING CO LLC		
Sub-contractor	M/S GUIDELINE INTERIORS LLC		
Trade			

Subject of Submittal

Floor Screeding Work

Attachments

☐ Shop Drawings ☐ Method Statements ☐ Guarantee
☐ Test Results ☐ Certificate ☑ Others

Requested By Contractor

Name: ENGR. JOSEPH FELIX

Signature: _____

Date: 21 / 02 / 2023 Time: 1 : 00 **PM**/ AM

Received by Consultant

Name: _____

Signature: _____

Date: / / 20 Time: ____:____ PM/ AM

Consultant's Comments (Project Manager / Resident Engineer)

1. Trail Mix to be arrange in the presence of engineer.
2. Submit trail mix cube test result for final approval.

Approval Status

☐ Approved
☑ Approved As noted
☐ Re-Submit As noted
☐ Rejected

Name of Consultant's Representative:

Eng. Meer Hussain

Signature: _____

Date: 24 / 02 / 2023 Time: ____:____ PM/ AM

NOTE:

1. For Re-Submittal, copy of previous commented submittal should be attached.
2. Corrections or comments made relative to submittals during this review do not relieve the contractor from compliance with the contract requirement and specifications. This check is only for review of general conformance with the design concept of the project and general compliance with the information given in the contract documents.

TECH REMIX
A TECH GROUP COMPANY

Address: P.O. Box 4778, Al Jurf Industrial Area Ajman. UAE
Tel.: +971 6 749 0023 Fax: +971 6 749 0056
Email: remix@techgroup.ae
Website: www.techgroup.ae

MIX DESIGN

Ref :TR/MXD - 047 / 023
Date : Feb 21, 2023

Main Contractor	**M/s. Ginco Contracting Co LLC**
Sub Contracting	M/s. Guideline Interiors
Client	Mr. H.H Sheikh Rashid Bin Humaid al Nuaimi
Consultant	M/s. Eng. Adnan Saffarini
Project	Construction of G+1 Villa
Location	Plot No.01 at Beach Palace Ajman, UAE

Class of Concrete : **20/10 *N/mm²* *(Screed Mix + Fiber)***	W/C Ratio : 0.55
Cement Content : 300 Kg/m³ (192 OPC + 108 GGBS-36%)	Slump at Site : (120 +/- 30) mm

Mix Details

Material	Source	S.G. (SSD)	Water Abs (%)	Batch Weight (SSD) Kg/m³
Cement (OPC)	Star Ajman/ UCC	3.15	-	192
Cement (GGBS)	Cemex	2.90	-	108
Free Water	Ajman	1.00	-	165
10mm Aggregate Crushed	Fujairah	2.74	0.31	880
0-5mm Washed Crush Sand	Fujairah	2.70	0.40	750
0-1mm Dune Sand	UAQ	2.64	0.40	330
Poly Propylene Fibers	Conmix			0.9
Admixture	BASF / Conmix	1.20		(4.5 Ltrs. - 6.5 Ltrs.) (5.4 kg. - 7.8 kg.)

Wet Density : 2430 Kg/m³	Coarse Agg : 44.9 %	Air Content : 1 - 2 %
Absorb. Water : 07 Ltrs	Agg/Cement : 6.53	Total Water : 172 Ltrs.

Remarks :

(i). Minor adjustment on aggregates proportion shall be done for variation in grading & density
(ii). Compliance age can be extended to 56 days due to slow hydration of GGBS.

Ummel Farooq T.P.
Technical Manager

TECH REMIX LLC
A TECH GROUP COMPANY
Tel: +971 6 749 0023, Fax: +971 6 749 0056
P.O. Box 4778, Ajman - U.A.E.

This document will be considered null and void without an authentic stamp of Tech Group Pvt JSC and/or its registered business units.
Any use, distribution, copying or disclosure by any person, but for purposes other than the intended purpose, is strictly prohibited.